AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1.   (Original) A system for automatically populating medical device data into one or more databases, comprising:

      a system controller including a processor and a computer readable medium,

          wherein the computer readable medium includes instructions executable by the processor to:

      receive a data set comprising objective data collected by a physician, the objective data comprising objective data about a first patient;

      receive a data set comprising subjective data collected by a physician, the subjective data comprising subjective data about the first patient;

      automatically validate the objective data and the subjective data, and if valid, populate the objective data and the subjective data into a first database having one or more database records associated with the first patient;

      receive a first data set from an implantable medical device that is associated with the first patient, the first data set having a first date and time stamp associated with it;

      receive a second data set from an implantable medical device that is associated with the first patient, the second data set having a second date and time stamp associated with it;

      populate the first data set into the one or more database records associated with the first patient, wherein the first date and time stamp is configured to act as a first database record locator associated with the first patient; and

      populate the second data set into the one or more database records associated with the first patient, wherein the second date and time stamp is configured to act as a second database record locator associated with the first patient.

2.   (Original) The system as recited in claim 1, wherein the computer readable medium further comprises instructions executable by the processor to:

receive objective data, subjective data and implantable medical device data

associated with additional patients; and

populate the objective data, subjective data and implantable medical device data

into one or more database records of the first database associated with

each of the additional patients.

3. (Original) The system as recited in claim 2, wherein the computer readable medium further comprises instructions executable by the processor to:

provide third party access to at least a portion of the first database.

4. (Original) The system as recited in claim 2, wherein the computer readable medium further comprises instructions executable by the processor to:

populate a second database with at least a portion of the data from the first

database; and

provide third party access to at least a portion of the second database.

5. (Original) The system as recited in claim 2, wherein the computer readable medium further comprises instructions executable by the processor to:

populate a second database with at least a portion of the data from the first

database; and

transmit the second database to one or more third party systems for access.

6. (Original) The system as recited in claim 1, wherein the first data set and the second data set from the implantable medical device is in a first format, and wherein the computer readable medium further comprises instructions executable by the processor to:

convert the first data set and the second data set implantable medical device from

the first format to a second format; and

automatically populate the first database with data from the second format.

7. (Original) The system as recited in claim 6, wherein the first format comprises a binary data, and the second format comprises an extensible mark-up language (XML) format.

8.   (Original) The system as recited in claim 1, wherein the computer readable medium further comprises instructions executable by the processor to:

>   validate the first set and the second set of implantable data prior to populating it into the first database.

9.   (Original) A medical information system, comprising:

>   means for receiving objective data and subjective data collected by a physician about a first patient;

>   means for populating the objective data and the subjective data into a first database having one or more database records associated with the first patient;

>   means for receiving a first data set and a second data set from an implantable medical device that is associated with the first patient, the first data set having a first date and time stamp associated with it, and the second data set having a second date and time stamp associated with it;

>   means for populating the first data set into the one or more database records associated with the first patient, wherein the first date and time stamp is configured to act as a first database record locator associated with the first patient; and

>   means for populating the second data set into the one or more database records associated with the first patient, wherein the second date and time stamp is configured to act as a second database record locator associated with the first patient.

10.   (Original) The system as recited in claim 9, wherein the computer readable medium further comprises instructions executable by the processor to:

>   receive objective data, subjective data and implantable medical device data associated with additional patients; and

populate the objective data, subjective data and implantable medical device data

into one or more database records of the first database associated with

each of the additional patients.

11. (Original) The system as recited in claim 10, further comprising:

means for providing third party access to at least a portion of the first database.

12. (Original) The system as recited in claim 10, further comprising:

means for populating a second database with at least a portion of the data from the

first database; and

means for providing third party access to at least a portion of the second database.

13. (Original) The system as recited in claim 10, further comprising:

means for populating a second database with at least a portion of the data from the

first database; and

means for transmitting the second database to one or more third party systems for

access.

14. – 17. (Cancelled)

18. (Original) A system for automatically populating medical data into a database,
comprising:

a microprocessor based controller;

a computer readable medium, wherein the computer readable medium includes

instructions executable by the microprocessor based controller to:

receive a first data set from an implantable medical device that is associated with

a first patient, the first data set having a first date and time stamp

associated with it;

receive a second data set from an implantable medical device that is associated

with the first patient, the second data set having a second date and time

stamp associated with it;

automatically populate the first data set into a first database having one or more

database records associated with the first patient, wherein the first date and

time stamp is configured to act as a first database record locator associated

with the first patient; and

automatically populate the second data set into the first database having one or

more database records associated with the first patient, wherein the second

date and time stamp is configured to act as a second database record

locator associated with the first patient.

19.   (Original) The system as recited in claim 18, wherein the computer readable medium

further comprises instructions executable by the microprocessor based controller to:

receive objective data and subjective data collected by a physician about the first

patient; and

automatically populate the objective data and the subjective data into the first

database having one or more database records associated with the first

patient.

20.   (Original) The system as recited in claim 19, wherein the computer readable medium

further comprises instructions executable by the microprocessor based controller to:

validate the objective data and the subjective data prior to automatically

populating it into the first database.

21.   (Original) The system as recited in claim 19, wherein the computer readable medium

further comprises instructions executable by the microprocessor based controller to:

receive objective data, subjective data and implantable medical device data

associated with additional patients; and

populate the objective data, subjective data and implantable medical device data into one or more database records of the first database associated with each of the additional patients.

22.   (Original) The system as recited in claim 21, wherein the computer readable medium further comprises instructions executable by the microprocessor based controller to:

provide third party access to at least a portion of the first database.

23.   (Original) The system as recited in claim 21, wherein the computer readable medium further comprises instructions executable by the microprocessor based controller to:

populate a second database with at least a portion of the data from the first database; and

provide third party access to at least a portion of the second database.

24.   (Original) The system as recited in claim 21, wherein the computer readable medium further comprises instructions executable by the microprocessor based controller to:

populate a second database with at least a portion of the data from the first database; and

transmit the second database to one or more third party systems for access.

25.   (Original) The system as recited in claim 18, wherein the first data set and the second data set from the implantable medical device is in a first format, and wherein the computer readable medium further comprises instructions executable by the microprocessor based controller to:

convert the first data set and the second data set implantable medical device from the first format to a second format; and

automatically populate the first database with data from the second format.

26. – 27.   (Cancelled)

28.   (Original) A method for automatically populating medical data into a database, the method comprising:

>   receiving a first data set from an implantable medical device that is associated with a first patient, the first data set having a first date and time stamp associated with it;

>   receiving a second data set from an implantable medical device that is associated with the first patient, the second data set having a second date and time stamp associated with it;

>   automatically populating the first data set into a first database having one or more database records associated with the first patient, wherein the first date and time stamp is configured to act as a first database record locator associated with the first patient; and

>   automatically populating the second data set into the first database having one or more database records associated with the first patient, wherein the second date and time stamp is configured to act as a second database record locator associated with the first patient.

29.   (Original) The method as recited in claim 28, further comprising:

>   receiving objective data and subjective data collected by a physician about the first patient; and

>   automatically populating the objective data and the subjective data into the first database having one or more database records associated with the first patient.

30.   (Original) The method as recited in claim 29, further comprising:

>   validating the objective data and the subjective data prior to automatically populating it into the first database.

31.   (Original) The method as recited in claim 29, further comprising:

receiving objective data, subjective data and implantable medical device data associated with additional patients; and

populating the objective data, subjective data and implantable medical device data into one or more database records of the first database associated with each of the additional patients.

32. – 37.   (Cancelled)